

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

NM-0554771

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

T.O.G. Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Und. East Burton Delaware

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 16, T-20-S, R-29-E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒

WORK OVER ☐

DEEP-EN ☐

PLUG BACK ☐

DIFF. RESVR. ☐

Other ☐

OCT 14 '88

2. NAME OF OPERATOR

J.C. Williamson

O. C. D.

3. ADDRESS OF OPERATOR

P.O. Box 16

Midland, Texas 79702

ARTESIA, OFFICE

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface

1980' FSL & 800' FEL

At top prod. interval reported below

At total depth same

14. PERMIT NO.

30-015-25924

DATE ISSUED

05-25-88

15. DATE SPUDDED

08-02-88

16. DATE T.D. REACHED

08-18-88

17. DATE COMPL. (Ready to prod.)

09-25-88

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

3275.7' GR

10. ELEV. CASINGHEAD

3277'

20. TOTAL DEPTH, MD & TVD

6140'

21. PLUG, BACK T.D., MD & TVD

PB- 6095'

22. IF MULTIPLE COMPL., HOW MANY\*

N/A

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

5618-5722' Delaware

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Laterlog, Density Neutron, Gamma ray w/cyberlook computer

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD       | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|------------------------|---------------|
| 16"         | 65#             | 127'           | 20"       | 300sx Class "C" 2%CaCl |               |
| 11-3/4"     | 42#             | 1211'          | 14-1/2"   | 850sx Howco lite       |               |
| 8-5/8"      | 24# & 32#       | 2869'          | 11"       | 500sx                  |               |
| 5-1/2"      | 17#             | 6150'          | 7-7/8"    | 1100sx in 2 stages     |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
| N/A  |          |             |               |             | 2-7/8" | 5503'          | N/A             |

31. PERFORATION RECORD (Interval, size and number)

5868-5884' w/7 holes (0.70")  
5618-5722' w/27 holes (0.50")

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED                           |
|---------------------|------------------------------------------------------------|
| 5868-5884'          | acdz w/1000 gals 7 1/2% NEFE                               |
| 5618-5722'          | acdz w/3000 gals 7 1/2% NEFE                               |
|                     | frac w/59,600 gals 30# x-link gel + 120,000 20/40 & 20,000 |

33.\*

PRODUCTION

12/20.

DATE FIRST PRODUCTION

09-25-88

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

pumping

WELL STATUS (Producing or shut-in)

producing

DATE OF TEST

09-25-88

HOURS TESTED

24

CHOKE SIZE

full

PROD'N. FOR TEST PERIOD

OIL—BBL.

125

GAS—MCF.

94

WATER—BBL.

135

GAS-OIL RATIO

750/1

FLOW, TUBING PRESS.

50

CASING PRESSURE

50

CALCULATED 24-HOUR RATE

→

OIL—BBL.

125

GAS—MCF.

94

WATER—BBL.

135

OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

No market for gas. (vented)

TEST WITNESSED BY

Ralph E. Williamson

35. LIST OF ATTACHMENTS

Dual laterlog, Density Neutron, Gamma ray logs and deviation survey.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

*[Signature]*

TITLE Production

OCT 12 1988

DATE 09-27-88

\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

38. GEOLOGIC MARKERS

| FORMATION                         | TOP   | BOTTOM | DESCRIPTION, CONTENTS, ETC.                    | NAME             | TOP         |                  |
|-----------------------------------|-------|--------|------------------------------------------------|------------------|-------------|------------------|
|                                   |       |        |                                                |                  | MEAS. DEPTH | TRUE VERT. DEPTH |
| Rustler                           | 175'  | 390'   | anhy. and dolomite                             | Rustler          | 175'        | +3110'           |
| Alt Solution Detr.                | 390'  | 850'   | sand, anhy., dolo., undissolved potash         | Salt             | 850'        | +2435'           |
| Alt                               | 850'  | 1190'  | salt, anhy., and potash                        | Tansil           | 1190'       | +2095'           |
| Tansil                            | 1190' | 1375'  | anhy. and dolomite                             | Yates            | 1375'       | +1910'           |
| es                                | 1375' | 1520'  | anhydrite and dolomite                         | Goatseep Reef    | 1660'       | +1625'           |
| vers                              | 1520' | 1660'  | anhy., dolo., sand                             | T/Del. Sands(CC) | 3140'       | +145'            |
| Goatseep Reef                     | 1660' | 2270'  | white crystalline dolomite                     | T/Bone Sp. lime  | 5920'       | -2635'           |
| related to but porous as above)   | 2270' | 3140'  | dense limestone and dolomite                   |                  |             |                  |
| Delaware Sands and Cherry Canyon) | 3140' | 5900'  | delaware limes and del. shales + sands present |                  |             |                  |
| ist Bones Springs                 | 5920' | TD     | limestone                                      |                  |             |                  |
| me                                |       |        |                                                |                  |             |                  |